

### AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A security door apparatus ~~for an entrance door~~ that is openable and closable with respect to one side of a door opening frame, the security door apparatus comprising:

an entrance door;

an upper horizontal slide guide and a lower horizontal slide guide disposed on one of an inner side of the entrance door or on a side of the door opening frame;

a rectangular-shaped auxiliary door having a width that is smaller than a width of the entrance door, the auxiliary door having an upper and a lower corner on a first side connected to the horizontal slide guides disposed on the one of a side the inner side of the entrance door or the door frame opening frame, and an upper and a lower corner on a second side connected to the one-a side of the entrance door or the door opening frame not having the horizontal slide guides,

wherein the auxiliary door is mounted on the entrance door and the door opening frame so that, and when the entrance door is opened, the auxiliary door forms a barrier across an opening between the entrance door and the door opening frame, thereby preventing a person outside of the auxiliary door from entering through the opening; and

wherein the auxiliary door has multiple openings formed so that a receiver person inside the auxiliary door can visually confirm an identify of a the person outside of the auxiliary door through the openings in the auxiliary door.

2. (Currently Amended) The security door apparatus according to Claim 1, wherein ~~an upper and a~~ the upper and the lower corner on the first side of the auxiliary door are rotatably connected to the entrance door and ~~an upper and a~~ the upper and the lower corner on the second side of the auxiliary door are rotatably connected to the door opening frame, and

wherein one of the first side or the second side of the auxiliary door is slidable with respect to the horizontal slide guides disposed on either the entrance door or the door opening frame, thus enabling the slidable side of the auxiliary door to be opened and closed when the entrance door is opened and closed.

3. (Currently Amended) The security door apparatus according to Claim 2, wherein one of the first side or the second side of the auxiliary door is detachably mounted on one of the entrance door or ~~or~~ the door opening frame, and is located so as to be positioned at the inner side of the door.

4. (Currently Amended) The security door apparatus according to Claim 3, further comprising:

upper and lower locking bearing parts provided on both the entrance door and the door opening frame; and

axial support parts provided at the four corners of the auxiliary door,  
wherein the axial support parts on one of the first side and second side of the auxiliary door are detachably mounted to the locking bearing parts on the door opening frame or the ~~the~~ door, and  
wherein the axial support parts formed on the other of the first and second side of the auxiliary door are slidably attached to the horizontal slide ~~guides~~guide.

5. (Currently Amended) The security door apparatus according to Claim 3, further comprising  
a notch provided on each of the first side and the second ~~sides~~side of the auxiliary door, the notches being provided so that the auxiliary door does not make contact with a door lock knob of the entrance door when the auxiliary door is in open and closed positions.

6. (Currently Amended) The security door apparatus according to Claim 3, wherein the openings are formed in an upper half part of the auxiliary door, the openings having a louver-shape structure through which ~~a receiver~~the person inside the auxiliary door can confirm ~~the~~an identify ~~of a~~of the person ~~on the~~ ~~opposite side of~~outside the auxiliary door.

7. (Cancelled)

8. (Currently Amended) The security door apparatus according to Claim 4 claim 1, wherein the auxiliary door is provided with a rectangular-shaped window that can be opened and closed, the window being disposed below the multiple openings one side end part of the auxiliary door is attachably and detachably provided at one side end part of the door or at one side end part of the door opening frame, a width of the auxiliary door is formed slightly larger than the width of a delivered package for a door-to-door delivery, etc., and this auxiliary door partially is provided with openably and closably an opening and closing window through which the package is received.

9. (Cancelled)

10. (Cancelled)

11. (New) A security door apparatus that is openable and closable with respect to one side of a door opening frame, the security door apparatus comprising:  
an entrance door;  
an upper horizontal slide guide and a lower horizontal slide guide disposed on an inner side of the entrance door;

a rectangular-shaped auxiliary door having a width that is smaller than a width of the entrance door, the auxiliary door having an upper and a lower corner on a first side connected to the horizontal slide guides disposed on the inner side of the entrance door, and an upper and a lower corner on a second side connected to a side of the door opening frame,

wherein the auxiliary door is mounted on the entrance door and the door opening frame so that, and when the closed entrance door is opened, the auxiliary door forms a barrier across an opening between the entrance door and the door opening frame, thereby preventing a person outside of the auxiliary door from entering through the opening; and

wherein the auxiliary door has multiple openings formed so that a person inside the auxiliary door can visually confirm an identity of the person outside of the auxiliary door through the openings in the auxiliary door.

12. (New) A security door apparatus that is openable and closable with respect to one side of a door opening frame, the security door apparatus comprising:

an entrance door;  
an upper horizontal slide guide and a lower horizontal slide guide disposed on a side of the door opening frame;

a rectangular-shaped auxiliary door having a width that is smaller than a width of the entrance door, the auxiliary door having an upper and a lower corner on a first side connected to the horizontal slide guides disposed on the door frame opening frame, and an upper and a lower corner on a second side connected to a side of the entrance door,

wherein the auxiliary door is mounted on the entrance door and the door opening frame so that, and when the closed entrance door is opened, the auxiliary door forms a barrier across an opening between the entrance door and the door opening frame, thereby preventing a person outside of the auxiliary door from entering through the opening; and

wherein the auxiliary door has multiple openings formed so that a person inside the auxiliary door can visually confirm an identity of the person outside of the auxiliary door through the openings in the auxiliary door.

13. (New) The security door apparatus according to claim 1, wherein the auxiliary door includes a rigid frame body extending from the first side to the second side.

14. (New) The security door apparatus according to claim 11, wherein the auxiliary door includes a rigid frame body extending from the first side to the second side.

15. (New) The security door apparatus according to claim 12, wherein the auxiliary door includes a rigid frame body extending from the first side to the second side.